MEASUREMENT BOOK

e	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8

1st & final bill

M. A. R. 57 (Rule 116) No. D
Measurement Book

225704

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: providing & Construction of CC Roads & Drains at Sujatha dint front Side & Rekha Channgappa house Road at T. Nakkahalli Ward No-15.						
	Estimate cost: RS 50.00 lakhs.						
	Jot Code: 015-18-000020, P-code- 17171						
	W.O.No:- EE/DD/WO/39/18-19, Dt. 04/10/18.						
	AA No: EE/DD/AS/689/17-18 dt. 26/12/2017.						
	IS No: CE/DZ/TS/4H3/17-18, dt. 30/12/2017.						
	Tender Notification No:- BBMP/EE/DD/Tem/05/17-18, Dt 04/12/17.						
	Agency:- Sri Jagadish. K.						
	Recitation:						

MEASUREMENT BOOK

ate 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
No:-	1 Dismantling of existing Structure like, Culverts, Bridges, Retaining walls & other Structure comprising of masonry, Cement Concrete, Wood work, Steel work; including T&P. Lift Complete as per Specification Item/ Cement Concrete m-20% above.						
	aty vide Item No-1	in page No 225781/1				of this mB.	Carried
		@ Rs			aty =	45.60 cum	
		@ Rs 1085.42/cum					49498.00/-
No:-2	Excavation for Road drains & Similar works Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw upto 2 meters & an average lift upto 0.50 m Complete as per Specifications						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

225705

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	aty vide Item No-2 in page No 225783 of this mB				aty =	734.40 cum	Carried
		@ Rs 87.03/cum					63959.00/-
	Item No:- 3 providing, laying Spreading & Compacting graded Stone aggregate to wet mix macadam Specifications including pre mixing the material with water at one in mechanical mix plant Carriage of mixed material of desired density Complete as per direction of engineer in charge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aty vide Item No:- 3 in page No 225783 of this MB.						
					aty =>	45.60 cum.	
	@ Rs. 1771.62/cum						80786.00/-
No:- 4	providing & laying in position plain Cement Concrete of misc 1:4:8.						
	with OPC Cement @ 180 kg/ cum with 40 mm & down size graded granite metal.						
	Coarse aggregate @ 0.85 cum & fine aggregate @ 0.57 cum machine mixed						
	Curing Complete as per Specifications.						
	aty vide Item No:- 4 in page No 225785 of this MB.						
					aty =>	230.40 cum	
	@ Rs 5169.34/cum						1191016.00/-

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

225706

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:- 5	providing & removing centering, shuttering, struting, propping etc. & removal of form work for vertical surface such as walls at any thickness labour. Complete as per Specifications.						
	4th Cross. L/S	4	30.00	0.90		108.00 Sqm	
		4	30.00	0.90		108.00 - 1/-	
		4	4.00	0.90		14.40 - 1/-	
	R/S	4	30.00	0.90		108.00 - 1/-	
		4	30.00	0.90		108.00 - 1/-	
		4	4.00	0.90		14.40 - 1/-	

MEASUREMENT BOOK

	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Cross Road L/S	4	30.00	0.90		108.00 -11-	
		4	30.00	0.90		108.00 -11-	
		4	7.00	0.90		25.20 -11-	
	R/S	4	30.00	0.90		108.00 -11-	
		4	30.00	0.90		108.00 -11-	
		4	7.00	0.90		25.20 -11-	
	Cross Road L/S	4	30.00	0.90		108.00 -11-	
	R/S	4	30.00	0.90		108.00 -11-	
	Rekha Chungappa house Road L/S	4	29.00	0.90		104.40 -11-	
	R/S	4	29.00	0.90		104.40 -11-	
						1368.00 Sqm	

M. A. R. 57 (Rule 116) No. D

Measurement Book

225707

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Carried	@ Rs 311.20/Sqm					425722.00/-

Item No:- 6 Design mix M20 with OPC Cement @ 320 Kgs. with 20mm & down-Size graded granite metal Coarse aggregate @ 0.69cum & fine aggregate @ 0.46 cum with Superplasticiser @ 3.1 Ltrs conforming to it upto 5m height

Bottom Slab

4th Cross L/S	1	30.00	0.90	0.10	2.70 cum	
	1	30.00	0.90	0.10	2.70 -11-	
	1	4.00	0.90	0.10	0.36 -11-	

MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	R/S -	1	30.00	0.90	0.10	2.70-11	
		1	30.00	0.90	0.10	2.70-11	
		1	4.00	0.90	0.10	0.36-11	
	Cross Road L/S	1	30.00	0.90	0.10	2.70-11	
		1	30.00	0.90	0.10	2.70-11	
		1	7.00	0.90	0.10	0.63-11	
	R/S	1	30.00	0.90	0.10	2.70-11	
		1	30.00	0.90	0.10	2.70-11	
		1	7.00	0.90	0.10	0.63-11	
	Cross Road L/S	1	30.00	0.90	0.10	2.70-11	

M. A. R. 57 (Rule 116) No. D

Measurement Book

225708

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	R/S	1	30.00	0.90	0.10	2.70-11	
	Rukha Changappa house Road R/S	1	29.00	0.90	0.10	2.61-11	
	L/S	1	29.00	0.90	0.10	2.61-11	
	Wall 4th Cross L/S.	2	30.00	0.15	0.90	8.10 cum	
		2	30.00	0.15	0.90	8.10-11	
		2	4.00	0.15	0.90	1.08-11	

MEASUREMENT BOOK

	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	R/s	2	30.00	0.15	0.90	8.10-11	
		2	30.00	0.15	0.90	8.10-11	
		2	4.00	0.15	0.90	1.08-11	
Cross Road	L/s	2	30.00	0.15	0.90	8.10-11	
		2	30.00	0.15	0.90	8.10-11	
		2	7.00	0.15	0.90	1.89-11	
	R/s	2	30.00	0.15	0.90	8.10-11	
		2	30.00	0.15	0.90	8.10-11	
		2	7.00	0.15	0.90	1.89-11	
Cross Road	L/s	2	30.00	0.15	0.90	8.10-11	
	R/s	2	30.00	0.15	0.90	8.10-11	

M. A. R. 57 (Rule 116) No. D

Measurement Book

225709

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rutha Changappa house Road						
	R/s	2	29.00	0.15	0.90	7.83-11	
	L/s	2	29.00	0.15	0.90	7.83-11	Cancel
					Total qty ⇒	136.80 cum	
	@ Rs. 6972.12/cum						954753.00/-

Item No:- 7 providing & fixing precast Reinforced Concrete Slab 10cm thick including cost of reinforcement as per design & drawing material cost, hire charges of machinery with all loads & lifts labour charges inclusive of cost of all materials.

MEASUREMENT BOOK

e	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4th Cross.	1	30.00	0.90		27.00 Sqm	
		1	30.00	0.90		27.00 -11-	
		1	4.00	0.90		3.60 -11-	
	Cross Road	1	30.00	0.90		27.00 -11-	
		1	30.00	0.90		27.00 -11-	Cornering
		1	7.00	0.90		6.30 -11-	
	Cross Road	1	30.00	0.90		27.00 -11-	
	Rekha Changappa house Road	1	29.00	0.90		26.10 -11-	
					⇒	171.00 Sqm	
	6.12.2018.	@ Rs	1701.40/Sqm				290939.00/-

25/1/2019
E.E. (D.D.)

M. A. R. 57 (Rule 116) No. D
Measurement Book

225710

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No: 8. Cement Concrete pavement, Construction of un-reinforced plain cement Concrete pavement, thickness as per design, over a prepared sub base with OPC Cement & any other type as per with 25mm nos down size graded granite metal Coarse aggregates & fine aggregates with Super plasticiser @ 3 lts mixed in a Concrete mixed of not less than 0.6 cum capacity & appropriate weigh batcher as per approved mix design laid in approved grade side form work curing Compound finishing to lines & grades as per drawing Complete as per specifications M30 (at 360 kg) per cum Coarse aggregates @ 0.69 cu & fine aggregates 0.43 cu)						

MEASUREMENT BOOK

	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	4th Cross -	1	30.00	(4.10+4.20)/2	0.12	14.94 Cum	
		1	30.00	(4.20+4.00)/2	0.12	14.76-11-	
		1	4.00	(4.00+4.00)/2	0.12	1.92-11-	
	Cross Road	1	30.00	(4.00+4.20)/2	0.12	14.76-11-	
		1	30.00	(4.20+4.10)/2	0.12	14.94-11-	
		1	7.00	(4.00+4.00)/2	0.12	3.40-11-	
	Cross Road	1	30.00	(4.30+4.40)/2	0.12	15.66-11-	
	Rukha changappahouse Road	1	30.00	(3.50+3.70)/2	0.12	12.96-11-	
		1	30.00	(3.70+4.30)/2	0.12	14.40-11-	
		1	30.00	(4.30+4.30)/2	0.12	15.48-4-	

25/1/2019
E.E. (D.D.)

M. A. R. 57 (Rule 116) No. D
Measurement Book

225711

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/R W.E. 14.12.2018	1	13.00	(4.30+3.90)/2	0.12	6.40-11-	Cum
			Ltd to-	129.60		129.62 cum	807459.84
		@ Rs. 6230.40/cum					807584.00/-
Item No 9	providing groove 10mm & dipth 80mm of Hom of machinery	cutting 100m or including cost of	to Conduit including cost of		Pavement for blade	width of 5mm to cutting machine generated	
		1	50.00	4.20		210.00 Sqmts	
		@ Rs. 122.14/Sqm					25649.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
No	10 Vaccum de-watering with Skin floater Dia 150 with floating disc including cost of genarator Hom of machinery Sound & disc etc with all load & lift		vaccum pump & Suction mat & Compaction				
	4th Cross.	1	30.00	$\frac{(4.10+4.20)}{2}$		124.50 Sqm	
		1	30.00	$\frac{(4.20+4.00)}{2}$		123.00 -11-	
		1	4.00	$\frac{(4.00+4.00)}{2}$		16.00 -11-	
	Cross Road.	1	30.00	$\frac{(4.00+4.20)}{2}$		123.00 -11-	
		1	30.00	$\frac{(4.20+4.10)}{2}$		124.50 -11-	
		1	7.00	$\frac{(4.10+4.00)}{2}$		28.35 -11-	
	Cross Road	1	30.00	$\frac{(4.30+4.40)}{2}$		130.50 -11-	

25/1/19
E.E. (D.D.)

M. A. R. 57 (Rule 116) No. D
Measurement Book

225712

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rukha Changappa house Road	1	30.00	$\frac{(3.50+3.70)}{2}$		108.00 -11-	
		1	30.00	$\frac{(3.70+4.30)}{2}$		120.00 -11-	
		1	30.00	$\frac{(4.30+4.30)}{2}$		129.00 -11-	
		1	95.00	$\frac{(4.30+4.30)}{2}$		107.50 -11-	
				Up to		1134.35 Sqm	
	@ Rs 95.50/Sqm					108399.06	
						108433.00	
	Item No 11 Supplying, fitting & placing Tor T bar Fe 500 reinforcement in Sub-Structure Complete as per drawing & technical specification					Complete as per Specifications	

14.12.2018

Measured
25/1/19
E.E. (D.D.)

MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
aty vide Item No 11 in page No 225 of this MB.	785/1			aty ⇒ 10612.44 kg ⇒ 10.610 tonne		
@ Rs 6615.10/tonne						70629.00/- 70686.21
12 Disposal of debris to the final place of disposal with all lead & lift & as direction by the engineer in charge of the work, lead 4 Km a) Average earth of work 1.28 tonne/Km for b) add loading & unloading aty vide Item No:- 2				aty ⇒ 734.40 cum		
@ Rs. 85.82/cum						63026.00/-
				Total bill amt ⇒		4768314.00/- 4767993=00

Audited and admitted for Rs. 4767993=00
Passed by Cheque for Rs. 4520104=00
(Serial No. –
Name of work – by adj 247889=00
Name of Contractor of nature of Agency
Date of commencement of work
Date Accounts Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

M. A. P... 16) Meas... No. D 225713

From ... To ...

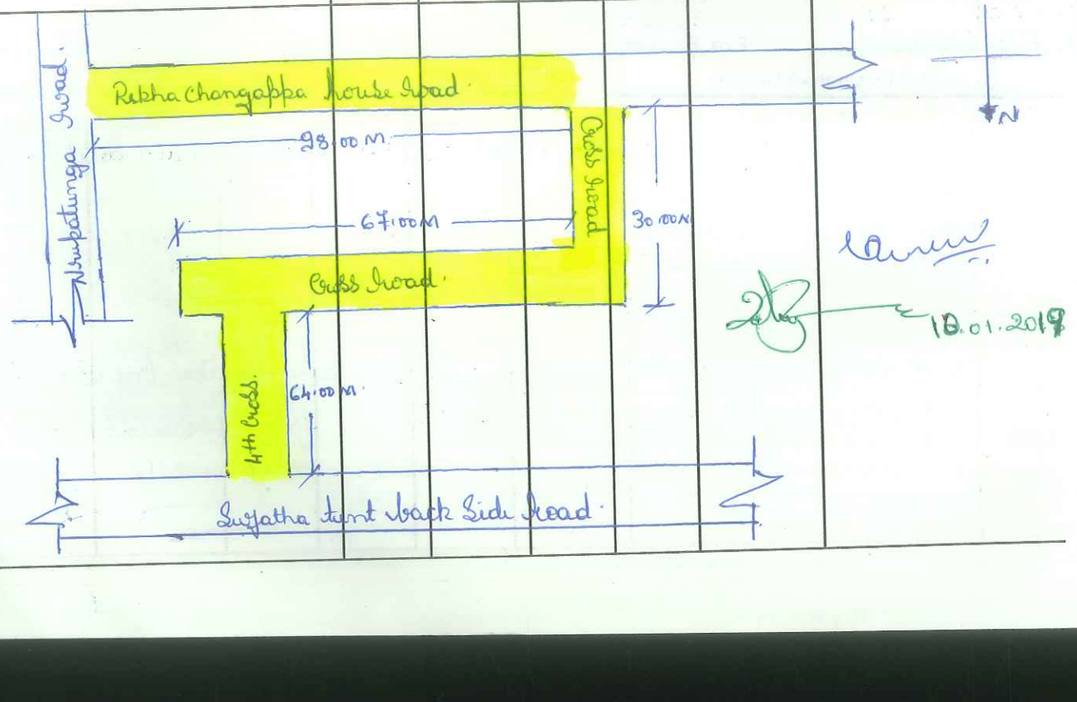
Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Fourty Seven lakhs Sixty eight thousand three hundred & fourteen Rupees only.						

Certificate:

1) Work done is satisfactory.
2) There are No departmental issues made to the Contractor.
3) The Contractor has cleared all debris from work spot.

10.01.2018

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full desc
1	